

#### MITSUBISHI MOTORS NORTH AMERICA, INC.

EXECUTIVE ORDER A-292-0083

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code (HSC), Div. 26, Part 5, Chap. 2; and pursuant to the authority vested in the undersigned by HSC Sections 39515 & 39516 and Executive Order G-02-003;

### IT IS ORDERED AND RESOLVED:

That the following exhaust and evaporative emission control systems produced by the manufacturer are certified as described below. Production vehicles shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	TEST GROUP	VEHICLE TYPE	EXHAUST EMISSION STANDARD CATEGORY			USEFUL LIFE (miles)		RMEDIATE N-USE PLIANCE or full in-use; oxh. / evap. diate in-use)	FUEL TYPE	
	200000000000000000000000000000000000000	B		"LEV II" Low Emission Vehicle (LEV II LEV) EXH	EVAP	Gasoline				
2006	6DSXV03.8GRC	Passenger Car	Vei	ncie (CEV II CEV)	120K	150K	А	E		
No.	o. ECS & SPECIAL FEATURES			EVAPORATIVE	FAMILY (EV	DISPLACEMENT (L)				
1	1 2WU-TWC,TWC, 2HO2S(2), SFI, EGR, OBD(F)			6DSXR0	)155A1A					
*	*			* ***				3	.8	
•	*			*				5.0		
•		*			選					

See the Attachment for Vehicle Models, Evaporative Family, Engine Displacement, Emission Control Systems, Phase-In Standards, OBD Compliance, Emission Standards and Certification Levels, and Abbreviations.

#### BE IT FURTHER RESOLVED:

That the exhaust and the evaporative emission standards and the certification emission levels for the listed vehicles are as listed on the Attachment. Compliance with the 50<sup>0</sup> Fahrenheit testing requirement may have been met based on the manufacturer's submitted compliance plan in lieu of testing. Any debit in the manufacturer's "NMOG Fleet Average" (PC or LDT) or "Vehicle Equivalent Credit" (MDV) compliance plan shall be equalized as required.

#### BE IT FURTHER RESOLVED:

That for the listed vehicle models, the manufacturer has attested to compliance with Title 13, California Code of Regulations, (13 CCR) Sections 1965 [emission control labels], 1968.2 [on-board diagnostic, full or partial compliance], 2035 et seq. [emission control warranty], 2235 [fuel tank fill pipes and openings] (gasoline and alcohol fueled vehicles only), and "High-Altitude Requirements" and "Inspection and Maintenance Emission Standards" (California Exhaust Emission Standards and Test Procedures for 2001 and Subsequent Model PC, LDT and MDV).

Vehicles certified under this Executive Order shall conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 24TH day of March 2005.

Allen Lyons, Chief

Mobile Source Operations Division

New Passenger Cars, Light-Duty Trucks and Medium-Duty Vehicles



## **ATTACHMENT**

# EXHAUST AND EVAPORATIVE EMISSION STANDARDS AND CERTIFICATION LEVELS

(For bi-, dual- or flexible-fueled vehicles, the STD and CERT in parentheses are those applicable to testing on gasoline test fuel.)

NMOG FLEET NMOG @ RAF=* AVERAGE [g/ml] CH4 RAF = *		NMOG or	CH4=melhane; NMOG=non-CH4 organic gas; NMHC=non-CH4 hydrocarbon; CO=carbon monoxide; NOx=oxides of nitrogen; HCHO=formaldehyde; PM=particulate matter; RAF=reactivity adjustment factor; 2/3 D [g/test]=2/3 day diurnal+ hot-soak; RL [g/mi]=running loss; ORVR [g/gallon dispensed]=on-board refueling vapor recovery; g=gram; mg=milligram											
CERT	STD	NMOG CERT	NMHC	NMHC	mi=mile; K=	e: K=1000 miles: F=degrees Fahrenheit; SFTP=supplemental federal lest procedure								
			CERT	[m/mil]	CO [g/mi]		NOx [g/mi]		HCHO [mg/mi]		PM [g/mi]		Hwy NOx [g/mi]	
0.044	0.046	[g/mi]	[g/mi]	[g/mi]	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD
Carrier Carrier	@ 50K	0.035	*	0.075	0.5	3.4	0,01	0.05	*	15.	*	*	0.01	0.07
	@ UL	0.047	•	0.090	0,6	4.2	0,02	0.07	*	18.	*	*	0.02	0.09
	50°F & 4K	0.122	*	0.150	1.4	3.4	0,00	0.05	*	30.	•	*	*	*

CO [g/mi] @ 20°F & 50K			- 1	NMHC+NOx [g/mi] (composite)		CO [g/mi] (composite)		NMHC+NOx [g/mi] [US06]		CO [g/mi] [U\$06]		NMHC+NOx [g/mi] [SC03]		CO [g/mi] [SC03]	
			CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
CERT	5.8	SFTP @ 4000 ml	es *	+	*		0.05	0.14	2.1	8.0	0.11	0.20	1.3	2.7	
STD	10.0	SFTP @ * mi	es *	*	*	*	*	*	*		. *	*	*	*	

Evaporative Family	3-Days Diurnal + Hot Soak (grams/test) @ UL		2-Days Diurn (grams/te	al + Hot Soak est) @ UL		ig Loss iile) @ UL	On-Board Refueling Vapor Recovery (grams/gallon) @ UL		
	CERT	STD	CERT	STD	CERT	STD	CERT	STD	
6DSXR0155A1A	0.40	0.50	0.44	0.65	0.01	0.05	0.003	0.20	
*	*	*		*	*	*	*	*	
*	*	*	*	*	*	*	*	*	
	*	*	*	*	*	*	*	*	

\*= not applicable; UL=useful life; PC=passenger car; LDT=light-duty truck; MDV=medium-duty vehicle; ECS= Emission Control System; STD= Standard; CERT= Certification; LVW=loaded vehicle weight; ALVW=adjusted LVW; LEV=low emission vehicle; TLEV=transitional LEV; ULEV=ultra LEV; SULEV=super ULEV; TWC=3-way catalyst; ADSTWC=adsorbing TWC; WU=warm-up catalyst; OC=oxidizing catalyst; O2S=oxygen sensor; HO2S=heated O2S; AFS/HAFS=air- fuel ratio sensor / heated AFS; EGR=exhaust gas recirculation; AIR=secondary air injection, PAIR=pulsed AIR; MFI= multiport fuel injection; SFI=sequential MFI; TBI=throttle body injection; DGI=direct gasoline fuel injection; TC/SC= turbo/super charger; CAC=charge air cooler; OBD (F)/(P)=full/partial on-board diagnostic; DOR=direct ozone reducing; prefix 2=parallel; (2) suffix=series; CNG/LNG= compressed/liquefled natural gas; LPG=liquefled petroleum gas; E85="85%" Ethanol Fuel;

### 2006 MODEL YEAR: VEHICLE MODELS INFORMATION

MAKE	MODEL	EVAPORATIVE FAMILY	ECS NO.	ENGINE SIZE (L)	IN-U COMPL (*=N/A or t A/E=exh	EDIATE JSE LIANCE full in-use; ate in-use) EVAP	PHASE-IN STD.	OBD II
MITSUBISHI	ECLIPSE	6DSXR0155A1A	1	3.8	A	E	SFTP	Full